Interrupt

Refine Search

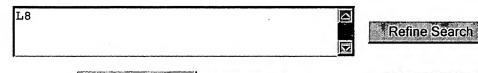
Search Results -

Terms	Documents
L7 not L4	6

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:



Search History

DATE: Monday, March 19, 2007 Purge Queries Printable Copy Create Case

Set Name Query side by side		Hit Count Set Name result set	
DB=U	SPT; PLUR=NO; OP=OR		
<u>L8</u>	L7 not 14	6	<u>L8</u>
<u>L7</u>	L6 and 13	6	<u>L7</u>
<u>L6</u>	L2 and identifiers	. 17	<u>L6</u>
<u>L5</u>	L4 and identifiers	0	<u>L5</u>
<u>L4</u>	L2 and (default same version)	. 3	<u>L4</u>
<u>L3</u>	L2 and default	14	<u>L3</u>
<u>L2</u>	(content ADJ (management or manager)).ti.	53	<u>L2</u>
<u>L1</u>	content.ti.	7053	<u>L1</u>

Recall Text =

END OF SEARCH HISTORY

Freeform Search

Datal	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins					
Term	L4 and l1					
Displa	y: 50 Documents in <u>Display Format</u> : REV Starting	g with Nun	nber 1			
Generate: O Hit List O Hit Count O Side by Side O Image						
Search Clear Interrupt Search History						
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DATE: M	onday, March 19, 2007 Purge Queries Printable Copy	Create Ca	<u>ise</u>			
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	4 and 11	26	<u>L5</u>			
<u>L4</u> I	3 or 12	9759	<u>L4</u>			
<u>L3</u> 7	19/328,329.ccls.	887	<u>L3</u>			
<u>L2</u> 7	17/100,126-137.ccls. or 710/62-65.ccls. or 709/203,219.ccls.	9090	L2			

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<u>L1</u>

localization and synchronization

1379



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21 Displaying linear programs and their solutions with XML and SVG

Hans Chang, John F. Raffensperger, Neville Churcher

January 2004 Proceedings of the 2004 Australasian symposium on Information Visualisation - Volume 35 APVis '04

Publisher: Australian Computer Society, Inc.

Full text available: pdf(325.24 KB) Additional Information: full citation, abstract, references, index terms

We describe a modelling language, called XML:LP, for presenting linear and integer programs in XML, with related tools for displaying models and their solutions in web browsers. Our tools dynamically generate different model or solution views by applying different style sheets to the same model file. Graphical views help users comprehend solution and sensitivity information. We use SVG for the graphical view. We describe Java and XSLT tools to convert the popular MPS format and model solutions t ...

Keywords: XML, linear programming, visualisation

22 PLI workshops: Template meta-programming for Haskell

Tim Sheard, Simon Peyton Jones

December 2002 ACM SIGPLAN Notices, Volume 37 Issue 12

Publisher: ACM Press

Full text available: pdf(244,61 KB)

Additional Information: full citation, abstract, references, citings, index

We propose a new extension to the purely functional programming language Haskell that supports compile-time meta-programming. The purpose of the system is to support the algorithmic construction of programs at compile-time. The ability to generate code at compile time allows the programmer to implement such features as polytypic programs, macro-like expansion, user directed optimization (such as inlining), and the generation of supporting data structures and functions from existing ...

Keywords: Meta programming, templates

23 Sequencing XML data and query twigs for fast pattern matching

Praveen Rao, Bongki Moon

March 2006 ACM Transactions on Database Systems (TODS), Volume 31 Issue 1

Publisher: ACM Press

Full text available: pdf(582.09 KB) Additional Information: full citation, abstract, references, index terms

We propose a new way of indexing XML documents and processing twig patterns in an XML database. Every XML document in the database can be transformed into a sequence of labels by prüfer's method that constructs a one-to-one correspondence between trees and sequences. During query processing, a twig pattern is also transformed into its Prüfer sequence. By performing subsequence matching on the set of sequences in the database and performing a series of refinement phases that we have dev ...

Keywords: XML indexing, prüfer sequences, twig query processing

24 Advanced XML technologies and applications: Consistently updating XML documents





using incremental constraint check queries

Bintou Kane, Hong Su, Elke A. Rundensteiner

November 2002 Proceedings of the 4th international workshop on Web information and data management WIDM '02

Publisher: ACM Press

Full text available: pdf(399.07 KB) Additional Information: full citation, abstract, references, index terms

When updating a valid XML document, an efficient yet light-weight mechanism is needed to determine if the up-date would invalidate the document. Towards this goal, we developed a framework called SAXE, we first analyzed the constraints expressed in XML schema specifications and establish constraint rules that must be observed for an XML document to conform to a given XML Schema. We then classify the rules as relevant for a given update case, that is, we show the minimal set of rules that must be ...

Keywords: XML schema, XML update, XQuery

25 Differential Deserialization for Optimized SOAP Performance

Nayef Abu-Ghazaleh, Michael J. Lewis

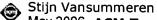


Publisher: IEEE Computer Society

Full text available: pdf(399.83 KB) Additional Information: full citation, abstract, index terms

SOAP, a simple, robust, and extensible protocol for the exchange of messages, is the most widely used communication protocol in the Web services model. SOAP's XML-based message format hinders its performance, thus making it unsuitable in high-performance scientific applications. The descrialization of SOAP messages, which includes processing of XML data and conversion of strings to in-memory data types, is the major performance bottleneck in a SOAP message exchange. This paper presents and evalu ...

Type inference for unique pattern matching



May 2006 ACM Transactions on Programming Languages and Systems (TOPLAS),

Volume 28 Issue 3 Publisher: ACM Press

Full text available: 🔁 pdf(467.95 KB) Additional Information: full citation, abstract, references, index terms

Regular expression patterns provide a natural, declarative way to express constraints on semistructured data and to extract relevant information from it. Indeed, it is a core feature of the programming language Perl, surfaces in various UNIX tools such as sed and awk, and has recently been proposed in the context of the XML programming language XDuce. Since regular expressions can be ambiguous in general, different disambiguation policies have been proposed to get a unique matching strategy. We ...

Keywords: Pattern matching, XML, disambiguation policies, programming languages

²⁷ Flexible consistency checking

Christian Nentwich, Wolfgang Emmerich, Anthony Finkelstein, Ernst Ellmer January 2003 ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 12 Issue 1

Publisher: ACM Press

Full text available: pdf(1.94 MB)

Additional Information: full citation, abstract, references, citings, index terms

The problem of managing the consistency of heterogeneous, distributed software engineering documents is central to the development of large and complex systems. We show how this problem can be addressed using xlinkit, a lightweight framework for consistency checking that leverages standard Internet technologies. xlinkit provides flexibility, strong diagnostics, and support for distribution and document heterogeneity. We use xlinkit in a comprehensive case study that demonstrates how design, impl ...

Keywords: CASE tools, consistency management, constraint checking, multiple perspectives

²⁸ Document analysis: NCL 2.0: integrating new concepts to XML modular languages

Heron V. O. Silva, Rogério F. Rodrigues, Luiz Fernando G. Soares, Débora C. Muchaluat Saade

October 2004 Proceedings of the 2004 ACM symposium on Document engineering DocEng '04

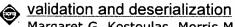
Publisher: ACM Press

Full text available: pdf(243.02 KB) Additional Information: full citation, abstract, references, index terms

This paper presents the main new features of Nested Context Language (NCL) version 2.0. NCL 2.0 is a modular and declarative hypermedia language, whose modules can be combined to other languages, such as SMIL, to provide new facilities. Among the NCL 2.0 new features, we can highlight the support for handling hypermedia relations as first-class entities, through the definition of hypermedia connectors, and the possibility of specifying any semantics for a hypermedia composition, using the con ...

Keywords: NCL, SMIL, XConnector, XTemplate, composition template, framework for parsing and processing XML, hypermedia connector

29 XML: XML screamer: an integrated approach to high performance XML parsing,



Margaret G. Kostoulas, Morris Matsa, Noah Mendelsohn, Eric Perkins, Abraham Heifets, Martha Mercaldi

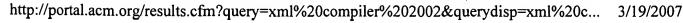
May 2006 Proceedings of the 15th international conference on World Wide Web WWW '06

Publisher: ACM Press

Full text available: pdf(303.88 KB) Additional Information: full citation, abstract, references, index terms

This paper describes an experimental system in which customized high performance XML parsers are prepared using parser generation and compilation techniques. Parsing is integrated with Schema-based validation and descrialization, and the resulting validating processors are shown to be as fast as or in many cases significantly faster than traditional nonvalidating parsers. High performance is achieved by integration across layers of software that are traditionally separate, by avoiding unnecessar ...

Keywords: JAX-RPC, SAX, XML, XML schema, parsing, performance, schema





compilation, validation

30 Database session 6: XML: Light-weight xPath processing of XML stream with

deterministic automata

Makoto Onizuka

November 2003 Proceedings of the twelfth international conference on Information and knowledge management CIKM '03

Publisher: ACM Press

Full text available: pdf(579.76 KB)

Additional Information: full citation, abstract, references, citings, index terms

Several applications based on XML stream processing have recently emerged, such as those for air traffic control and the selective dissemination of information (SDI). Their common need is to process a large number of XPath expressions in continuous XML streams at high throughput. This paper proposes four techniques for XPath expression processing based on Deterministic Finite Automata (DFA) for two purposes: to improve the memory usage efficiency of the automata and to support the processing of b ...

Keywords: XPath processing, automata, selective dissemination of information, streaming XML

31 Integrating information extraction and automatic hyperlinking

Stephan Busemann, Witold Drożdżyński, Hans-Ulrich Krieger, Jakub Piskorski, Ulrich Schäfer, Hans Uszkoreit, Feiyu Xu

July 2003 Proceedings of the 41st Annual Meeting on Association for Computational Linguistics - Volume 2 ACL '03

Publisher: Association for Computational Linguistics

Full text available: pdf(232.65 KB) Additional Information: full citation, abstract, references

This paper presents a novel information system integrating advanced information extraction technology and automatic hyper-linking. Extracted entities are mapped into a domain ontology that relates concepts to a selection of hyperlinks. For information extraction, we use SProUT, a generic platform for the development and use of multilingual text processing components. By combining finite-state and unification-based formalisms, the grammar formalism used in SProUT offers both processing efficiency ...

32 Toward an engineering discipline for grammarware

Paul Klint, Ralf Lämmel, Chris Verhoef

July 2005 ACM Transactions on Software Engineering and Methodology (TOSEM), Volume 14 Issue 3

Publisher: ACM Press

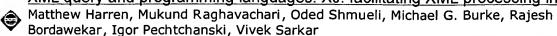
Additional Information: full citation, abstract, references, citings, index Full text available: pdf(710.42 KB)

Grammarware comprises grammars and all grammar-dependent software. The term grammar is meant here in the sense of all established grammar formalisms and grammar notations including context-free grammars, class dictionaries, and XML schemas as well as some forms of tree and graph grammars. The term grammar-dependent software refers to all software that involves grammar knowledge in an essential manner. Archetypal examples of grammar-dependent software are parsers, program converters ...

Keywords: Grammarware, automated software engineering, best practices, generic language technology, grammar-dependent software, grammars, language processing, metamodeling, model-driven development, parsers, software evolution, software transformation



33 XML query and programming languages: XJ: facilitating XML processing in Java



May 2005 Proceedings of the 14th international conference on World Wide Web WWW '05

Publisher: ACM Press

Full text available: pdf(293.50 KB)

Additional Information: full citation, abstract, references, citings, index terms

The increased importance of XML as a data representation format has led to several proposals for facilitating the development of applications that operate on XML data. These proposals range from runtime API-based interfaces to XML-based programming languages. The subject of this paper is XJ, a research language that proposes novel mechanisms for the integration of XML as a first-class construct into Java™. The design goals of XJ distinguish it from past work on integrating XML support into ...

Keywords: Java, XML, language design

34 <u>Document creation I: Creating structured PDF files using XML templates</u>

Matthew R. B. Hardy, David F. Brailsford, Peter L. Thomas
October 2004 Proceedings of the 2004 ACM symposium on Document engineering
DocEng '04

Publisher: ACM Press

Full text available: pdf(166.87 KB)

Additional Information: full citation, abstract, references, citings, index terms

This paper describes a tool for recombining the logical structure from an XML document with the typeset appearance of the corresponding PDF document. The tool uses the XML representation as a template for the insertion of the logical structure into the existing PDF document thereby creating a Structured/Tagged PDF. The addition of logical structure adds value to the PDF in three ways: the accessibility is improved (PDF screen readers for visually impaired users perform better) media options a ...

Keywords: PDF, XML, logical structure insertion

35 Columns: Surfing the net for software engineering notes

Mark Doernhoefer

September 2002 ACM SIGSOFT Software Engineering Notes, Volume 27 Issue 5

Publisher: ACM Press

Full text available: pdf(1.67 MB) Additional Information: full citation

Document reuse and semantics: Towards a semantics for XML markup
Allen Renear, David Dubin, C. M. Sperberg-McQueen

November 2002 Proceedings of the 2002 ACM symposium on Document engineering DocEng '02

Publisher: ACM Press

Full text available: pdf(72.89 KB)

Additional Information: full citation, abstract, references, citings, index terms

Although XML Document Type Definitions provide a mechanism for specifying, in machine-readable form, the syntax of an XML markup language, there is no comparable mechanism for specifying the *semantics* of an XML vocabulary. That is, there is no way to

characterize the meaning of XML markup so that the facts and relationships represented by the occurrence of XML constructs can be explicitly, comprehensively, and mechanically identified. This has serious practical and theoretical consequence ...

Keywords: SGML, XML, knowledge representation, markup, semantics

³⁷ Using Javadoc and XML to produce API reference documentation

Donald M. Leslie

October 2002 Proceedings of the 20th annual international conference on Computer documentation SIGDOC '02

Publisher: ACM Press

Additional Information: full citation, abstract, references, citings, index Full text available: ndf(623.29 KB) terms

The creation of API reference documentation and its integration into larger documentation sets present a number of challenges. This paper explores a strategy for using Javadoc, the primary mechanism for generating Java API documentation, in conjunction with an XML infrastructure, to improve the quality of API reference material and its integration into product documentation sets.

Keywords: API documentation, HTML, Javadoc, XML, XSL stylesheets, XSLT, doclets, document transformation

38 Software and document engineering: Supporting document and data views of source



Michael L. Collard, Jonathan I. Maletic, Andrian Marcus

November 2002 Proceedings of the 2002 ACM symposium on Document engineering DocEna '02

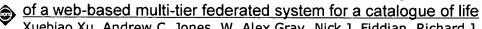
Publisher: ACM Press

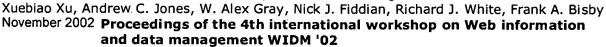
Additional Information: full citation, abstract, references, citings, index Full text available: pdf(162.30 KB)

The paper describes the use of an XML format to store and represent program source code. A new XML application, srcML (SouRCe Markup Language), is presented. srcML presumes a document view of source code where information about the syntactic structure is layered over the original source code document. The resultant multi-layered document has a base layer of all the original text (and formatting). The second layer is the syntactic information, derived from the grammar of the programming language, \dots

Keywords: XML, abstract syntax tree, markup language, program analysis, source code

Web mining, tools, and performance evaluation: Design and performance evaluation





Publisher: ACM Press

Full text available: Topdf(74.06 KB) Additional Information: full citation, abstract, references, index terms

In the SPICE (SPecies 2000 Interoperability Co-ordination Environment) project, we are designing and evaluating a web-based multi-tier federated system, intended as a scalable infrastructure for a globally distributed federated database of biological knowledge. It is designed to harness specialist expertise on classification of individual groups of organisms to form a 'catalogue of life' of high taxonomic quality, and to solve problems of

heterogeneity, scale and component database unreliability ...

Keywords: biodiversity informatics, caching, federated information system, multi-tier

<u>Traversals of object structures:</u> Specification and Efficient Implementation



Karl Lieberherr, Boaz Patt-Shamir, Doug Orleans

March 2004 ACM Transactions on Programming Languages and Systems (TOPLAS), Volume 26 Issue 2

Publisher: ACM Press

Full text available: R pdf(333.93 KB)

Additional Information: full citation, abstract, references, citings, index terms, review

Separation of concerns and loose coupling of concerns are important issues in software enginnering. In this paper we show how to separate traversal-related concerns from other concerns, how to loosely couple traversal-related concerns to the structural concern, and how to efficiently implement traversal-related concerns. The stress is on the detailed description of our algorithms and the traversal specifications they operate on Traversal of object structures is a ubiquitous routine in most types ...

Keywords: Aspect-oriented programming, Low of Demeter, adaptive programming, class graphs, object graphs, strategy graphs, structure-shy software

Results 21 - 40 of 200

Result page: <u>previous</u> <u>1</u> **2** <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> <u>8</u> <u>9</u> <u>10</u>

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